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Chiatura Manganese Trust

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Manganese deposits are situated in the Chiatura district of the Georgian SSR. The town of Chiatura is connected with the Transcaucasus Railway by a branch Comment: Chiatura is not shown on availline from Shorapani. able maps but is listed in a timetable as being 12 kms from Sachkheri on the Shorapani—Sachkheri railroad. On the basis of kilometerage given in the timetable, Shorapani appears to bo identical with Namaneva at 42007'N, 43004'E.)

2. The Chiatura Manganese Trust (Chiaturski Margantsevy Trest) is composed of six ore directorates (rudoupravleniye):

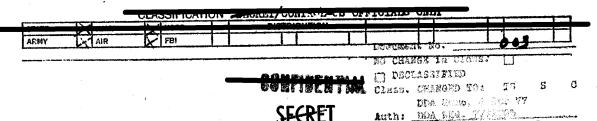
> Lenin Ore Directorate Stalin Ore Directorate Kaganovich Ore Directorate Beriya Ore Directorate Dmitrov Ore Directorate Ordzhonikidze Ore Directorate

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All these directorates are engaged in the production of manganese ore. Comment: These directorates appear to correspond to individual mines of the same names, as fer as they can be checked.)

Personnol.

- 3. About 7,000 persons were employed in September 1948 in the whole Trust, i.e., administrative and office personnel, miners, personnel of the Geological Department, main engineering workshops, garage, and various auxiliary institutions. The Lenin Ore Directorate employs the largest number of workers (about 800) and the Dmitrov Ore Directorate the smallest number (about 360). The number of personnel in the other ore directorates varies between these two figures.
- 4. In the middle of 1948, a large number of young specialists arrived at the Chiatura Hanganese Trust to take up work in the mines and plants. These included eight mining engineers, five electrical engineers, three mine surveyors, two mining engineers (specialists in screening), and a large number of technicians and mechanics. Specialist workers are trained at a factory workshop training school (FZO) in Chiatura. In 1947, this school trained about 450 specialists.



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5. The head of the Chiatura Manganese Trust is G. I. Anguladze.

Output

- 6. The manganese content of the ore varies from 43 to 52 per cent. The screening plant (obogatitelnaya fabrika) of the Ordzhonikidze Ore Directorate produces peroxide and manganese with a content of about 90 per cent manganese.
- 7. In 1947, the trust produced about 1,120,000 tons of manganese of all kinds. Output of the individual ore directorates was as follows:

Kaganovich	about	210,000	tor
Lenin	17	210,000	17
Beriya	. 17	190,000	Ħ
Stalin	11	180,000	#
Ordzhonikidze	17	150,000	11
Duritrov	W 1	110,000	

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Comment: Source does not explain the discrepancy between the total of these figures, 1,050,000 and the overall figure given above.)

- 8. In 1948, work improved somewhat as a result of more efficient transportation means inside the plants, the introduction (so far to a small extent) of mechanized equipment, and a better supply of timber (for pitprops), detonators, fuzes, and explosive mixtures containing ammonium nitrate.

 According to data for the first nine months of 1948, the output of the trust for the year 1948 may be estimated at about 1,200,000 tons.
- 9. According to the Five Year Plan for the development of the economy of the Georgian SSR, slightly more than 2,000,000 tons of manganese ore should be produced in 1950. Reetings of the ore directorates have been held to discuss the stimulation of production in connection with the Five Year Plan. It was found that an increase of production of over 60 per cent in two years would be impossible without the organization of new workings of manganese ore. The geologists of the trust's Geological Department have located new deposits with a rich content of manganese ore in the vicinity of Chiatura, but the construction of mines would require time.

Equipment

- 10. The ore directorates have plants in which part of the ore is acreened by washing, although some of the manganese is lost in the process. The rest of the ore, with a higher content of manganese, is sent to metallurgical works without being washed. In 1947, the erection of a central screening plant was begun. It was proposed to start the first installment of the plant operating at the end of 1947, but the plant had not been completed by October 1948.
- The engineering shops are large and well equipped and include a steel foundry.
- 12. The trust has a new Diesel electric power station which supplies auxiliary power to the mines.

Destination of Product

13. Manganese ore is sent to a very large number of metallurgical works and to some heavy engineering works. Only a comparatively small quantity is exported.

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